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NO. 9978 P. 1

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Attorney's Docket No.: 10559-574001  
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Number of pages including this page 11

Applicant : Jonathan M. Walsh  
Serial No. : 10/081,830  
Filed : February 21, 2002

Art Unit : 2144  
Examiner : Shaw, Peeling Andy

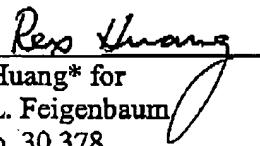
Title : CONFIGURING COMMUNICATIONS OVER A NETWORK

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is Reply of Intel Corporation to Action of April 5, 2005, and Limited Recognition, faxed this 30<sup>th</sup> day of June, 2005, to the United States Patent and Trademark Office.

Respectfully submitted,

Date: June 30, 2005

  
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*\*See attached document certifying that Rex I. Huang has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 11.9(b).*

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NO. 9978 P. 2

Attorney Docket: 10559-574001 / P12788

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUN 30 2005

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Serial No. : 10/081,830  
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Art Unit : 2144  
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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY OF INTEL CORPORATION TO ACTION OF APRIL 5, 2005

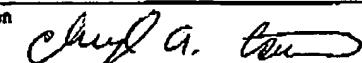
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Applicant : Jonathan M. Walsh  
Serial No. : 10/081,830  
Filed : February 21, 2002  
Page : 2 of 9

Attorney Docket: 10559-574001 / P12788

Please amend the claims as follows (this listing replaces all prior listings):

1. (currently amended) A method of ~~configuring communications over a network comprising:~~

~~connecting a device to the a network hub;~~

~~receiving data on the device from the network hub, including receiving information about a speed at which the network hub is transmitting data;~~

~~configuring the device for a communication mode, from a plurality of possible communication modes, wherein the communication mode includes transferring data between the device and the network simultaneously in time to communicate with the network hub in a half duplex mode;~~

~~transferring data between the device and the network hub based on the communication in the half duplex mode using a transmission speed determined based on the received information about the speed at which the network hub is transmitting data;~~

~~determining whether the data has been properly transferred between the device and the network hub in the half duplex mode;~~

~~if the data has not been properly transferred between the device and the network hub, configuring the device to communicate with the network hub in a full duplex mode, and transferring data between the device and the network hub in the full duplex mode using the transmission speed; and~~

~~determining whether to retain the device in the communication in the full duplex mode.~~

2-3. (cancelled)

4. (original) The method of claim 1, wherein the network comprises an Ethernet network.

5. (original) The method of claim 1, wherein the device comprises a medium access controller.